

3-29-02

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 (Use several sheets if necessary)				RCA 90,334			
				APPLICANTS Belotserkovsky, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINE INITIAL		DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
JAM	AA	3,914,691	10/21/75	Meadors, Jr.	325	42	
	AB	3,978,407	08/31/76	Forney, Jr., et al.	325	42	
	AC	4,613,975	09/23/86	Aoyagi, et al.	375	40	
	AD	4,621,366	11/04/86	Cain, et al.	375	8	
	AE	5,297,165	03/22/94	Ueda, et al.	375	12	
	AF	5,388,123	02/07/95	Uesugi, et al.	375	14	
	AG	5,455,844	10/03/95	Ishikawa, et al.	375	232	
	AH	5,550,862	08/27/96	Olafrsson	375	229	
	AI	5,694,423	12/02/97	Larsson, et al.	375	231	
	AJ	5,748,677	05/05/98	Kumar	375	285	
	AK	5,809,406	09/15/98	Taki, et al.	455	135	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)							
JAM	AR		B.P. Lathi, "Modern Digital and Analog Communication Systems," pp 163, 168, 206, 1983				
1	AS		J.A. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communications Magazine, Vol. 28. No.5, pp. 5-14, May 1990.				
1	AT		J.M. Cioffi, "A Multicarrier Primer," in ANSI T1E1.4 Committee Contribution, No. 91-157, Boca Raton, FL, Nov. 1991.				
EXAMINER Jacol Medh				DATE CONSIDERED 1/18/05			
SUBMITTED BY: Vincent E. Duffy				REG. NO.: 39,964		DATE:	

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09/19/01

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EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
JAM	BA	5,835,895	11/10/98	Stokes, III	704	500		
	BB	5,841,484	11/24/98	Hulyalkar, et al.	348	607		
	BC	5,956,624	09/21/99	Hunsinger, et al.	455	65		
	BD	5,963,592	10/05/99	Kim	375	232		
	BE	5,970,092	10/19/99	Currihan	375	232		
	BF	5,990,734	11/23/99	Wright, et al.	330	2		
	BG	5,990,738	11/23/99	Wright, et al.	330	149		
	BH	6,052,349	04/18/00	Okamoto	369	59		
	BI	6,141,393	10/31/00	Thomas, et al.	375	347		
	BJ	6,144,711	11/07/00	Raleigh, et al.	375	347		
	BK	6,167,082	12/26/00	Ling, et al.	375	233		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No	
	BL							
	BM							
	BN							
	BO							
	BP							
	BQ							
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)								
JAM	BR		Simon Haykin, "Adaptive Equalization," Communication Systems, 3 <sup>rd</sup> Edition, John Wiley & Sons, pp. 452-458, New York, 1994.					
	BS		"Broadband Radio Access Networks (BRAN); HIPERLAN Type 2 Functional Specification, Part 1 - Physical (PHY) layer," European Telecommunications Standards Institute, Vol. J, Sep. 1999.					
	BT		DRAFT Supplement to STANDARD [for] Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High Speed Physical Layer in the 5 GHz Band, IEEE P82.11a/D7.0, (Supplement to IEEE Std 802.11-1999)					
EXAMINER JAM				DATE CONSIDERED 11/18/05				
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JAM	CA	6,188,722 B1	02/13/01	Velez, et al.	375	233	
JAM	CB	6,246,698 B1	06/12/01	Kumar	370	487	
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No
	CL						
	CM						
	CN						
	CO						
	CP						
	CQ						
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)							
JAM	CR		<a href="http://www.seas.ucla.edu/~langit/slicer.m">http://www.seas.ucla.edu/~langit/slicer.m</a> , pp.1, 07/19/01				
JAM	CS		Gregory T. Uehara, Caesar S.H. Wong, Jacques C. Rudell, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer/Viterbi, Sequence Detector in 1.2µm CMOS, Electronics Research Laboratory, Department of Electrical Engineering & Computer Sciences, University of California, <a href="http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/CICC/">http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/CICC/</a> pp. 1-11, Berkeley CA, 07/19/01				
JAM	CT		Caesar S.H. Wong, Jacques C. Rudell, Gregory T. Uehara, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer for Partial Response Channels, Department of Electrical Engineering and Computer Sciences, University of California, <a href="http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/jssc/">http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/jssc/</a> , pp.1-19, Berkeley, CA, 07/19/01.				
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